

EF

Notice of Allowability	Application No.	Applicant(s)	
	10/633,472	KEMPER, JONATHAN T.	
	Examiner	Art Unit	
	Minh D. A	2821	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/31/05.
2. ☒ The allowed claim(s) is/are 4-31,34-42,55,56,58-63 and 67.
3. ☒ The drawings filed on 01 August 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

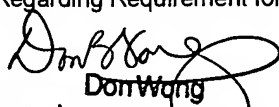
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |


 Don Wong
 Supervisory Patent Examiner
 Technology Center 2800

Allowable Subject Matter

Claims 4-31, 34-42, 55-56, 58-63 and 67 are allowed.

1. The following is an examiner's statement of reasons for allowance:

The prior art does not teach that, an input that receives temperature readings indicative of the temperature to be displayed, circuitry that determines a plurality of color intensity values for each temperature readings one color intensity value per said each color source and generates a plurality of color intensity signals to control intensities of the plurality of color sources, one color intensity signal per said each color sources the color intensity signal of said each color sources being controlled by the color intensity value of said each color sources and a plurality of outputs coupling the color intensity signals to the inputs of the color sources, the color intensity signal of said each color source being coupled to the input of said each color source and a combiner of the colors engendered by the plurality of colors sources: the temperature readings comprising digital indications of temperature, the instrument further comprising an analog-to- digital converter that receives analog indications of temperature, and digitizes the analog indications of temperature to convert the analog indications of temperature into the digitized indications of temperature combination with all limitations recited in independent claims 4, 21, 34 and 67.

The prior art does not teach that, means for receiving temperature readings indicative of the temperature to be displayed and determining of color intensity values for each temperature reading, one color intensity value per said each engendered

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colors; means for generating the plurality of color intensity signals controlled by the plurality of color intensity values; means for converging the engendered colors; and means for receiving analog temperature indications and digitizing the analog temperature indications to obtain digitized temperature indications, wherein the temperature readings comprise the digitized temperature indications recited in independent claim 55.

The prior art does not teach that, obtaining temperature indications by acquiring analog temperature' indications and digitizing the analog temperature indications; translating each temperature indication into a plurality of basic constituent colors by computing a plurality of color intensity values, one color intensity value per basic constituent color; generating the colors of the plurality of basic constituent colors each generated basic constituent color having intensity determined by the color intensity value of said each basic constituent color; and converging the generated basic constituent colors recited in independent claim 58.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Stam et al (US 2002/0047624) and Cochran et al. (US 5,365,084) are cited to show a multiple colors of light sources.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Minh A whose telephone number is (571) 272-1817. The examiner can normally be reached on M-F (5:30 –2:30 PM).

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Don Wong, can be reached on (571) 272-1834. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and (703) 872-9319 for final communications.

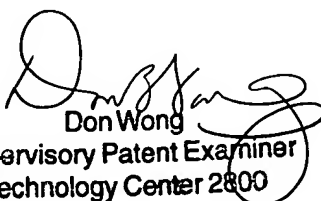
Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (571) 272-1553.

Examiner

Minh A

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5/20/05


Don Wong
Supervisory Patent Examiner
Technology Center 2800